

WHAT IS CLAIMED IS:

1. An automatic transmission apparatus comprising :
  - 5 a first member rotating integrally with an input shaft and including a first cylindrical portion having an inner spline at an inner peripheral surface thereof ;
  - a second member including a second cylindrical portion having an outer spline for engaging with the inner spline of the first member and a depressed portion formed on the second member ; and
  - 10 a clearance, which establishes a communication between an inner portion surrounded by the first and the second members and an outer portion of the first and the second members, is formed between the depressed portion of the second member and the inner surface of the first member.
- 15 2. An automatic transmission apparatus according to claim 1, wherein the first member rotating integrally with the input shaft and including the first cylindrical portion having the inner spline at the inner peripheral surface is connected with the input shaft by welding.
- 20 3. An automatic transmission apparatus according to claim 2, wherein the input shaft is engaged with a torque converter through spline engagement manner.
- 25 4. An automatic transmission apparatus according to claim 3, wherein the depressed portion formed at part of or all of groove bottoms of the outer spline of the second member is formed by pressing process.

5. An automatic transmission apparatus according to claim 4, wherein the depressed portion formed at part of or all of groove bottoms of the outer spline of the second member is formed inward direction.